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| 10/034,090 | 12/28/2001 | Kathryn Engelhardt-Cronk | 30564.2 | 2191 |

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EXAMINER

WONG, LESLIE

ART UNIT PAPER NUMBER

2167

DATE MAILED: 03/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/034,090

Applicant(s)

ENGELHARDT-CRONK ET AL.

Examiner

Leslie Wong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 October 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10, 12-22, 24-34 and 36-57 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10, 12-22, 24-34 and 36-57 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. Receipt of Applicant's Amendment, filed 21 October 2004, is acknowledged.
2. Applicants' arguments regarding Examiner's objections to the "Background and Summary" of the invention deem to be persuasive. However, Examiner notes that having a description of the field of the invention, related art, and a brief summary of the invention contribute to a better understanding of the invention.
3. Applicants' amendments, submitted on 21 October 2004, overcome the objections in connection with the Abstract, Specification and Drawings. Examiner hereby withdrawn the objections that were given on the Office Action dated 17 May 2004.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-10, 13-22, 25-34, and 37-57 are rejected under 35 U.S.C. 102(b) as being anticipated by **Blevins** (U.S. Patent (5,594,858).

Regarding claims 1 and 13, **Blevins** teaches a system and method, comprising:

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a computer system for:

a). **'through a network, providing a plurality of templates to a user'** as the workstations 102, 104, 106 are shown connected by the LAN 108 to the controller/multiplexers 110 that provide an electrical interface between the workstations and a plurality of processes. The control template library 123 contains data representing sets of predefined or existing control template functions for use in process control program. These are the templates that generally come with the system from the system designer to the user (col. 5, lines 24-35; col. 7, lines 17-24 and Fig. 8). Note: *The cited Figures located in the back of the patent.*

b). **'through the network, receiving a selection from the user of at least first and second templates of the plurality of templates'** as a list of predefined or existing templates that may be used as a starting point for designing the new control template: TEMPLATE TO START FROM . Once a user selects the type of control template to created or modified from within the scroll box 404, and selects the template to start from within the scroll box 406, a unique name for the new template can be entered within the field box 408 (col. 12, lines 2-15 and lines 18-20; col. 10, lines 41-55 and Fig. 8)

c). **'generating a database including information of the template selected first and second templates'** as the name entered within the field box 408 will be the name of the new control template to be stored within the control template library 122 (col. 12, lines 23-25; col. 17, lines 16-19).

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Regarding claims 2, 14, and 26, **Blevins** further teaches **'the first template includes a predefined table'** (col. 3, lines 45-50 and Fig. 8, element 406).

Regarding claims 3, 15, and 27, **Blevins** further teaches **'the first template includes a predefined form'** (col. 10, lines 44-47).

Regarding claims 4, 16, and 28, **Blevins** further teaches **'the first template includes a predefined field'** as template PID-APD with output ATTRIBUTE TYPE (Fig. 10, elements 602 and 606-618).

Regarding claims 5, 17, and 29, **Blevins** further teaches **'the first template includes a predefined section'** as ATTRIBUTES TO START FROM and CONVERSATION SET (Fig. 10, element 606 and 608).

Regarding claims 6, 18, and 30, **Blevins** further teaches **'the predefined section includes a predefined field'** as mode, setpoint, and status of ATTRIBUTES TO START FROM listbox (Fig. 10, element 606).

Regarding claims 7, 19, and 31, **Blevins** further teaches the selection is a first selection, and the computer system is for:

'in response to receiving a second selection from the user, associating the first template with a program associated with an agency' (col. 3, lines 10-24).

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Regarding claims 8, 20, and 32, **Blevins** further teaches **'in response to receiving information associated with a form created by the user'** (col. 12, lines 51-58).

Regarding claims 9, 21, and 33, **Blevins** further teaches **'the information associated with the form includes a field selected by the user'** (col. 12, lines 58-66; col. 13, lines 7-14).

Regarding claims 10, 22, and 34, **Blevins** further teaches wherein **'the information associated with the form includes an attribute associated with the field, and wherein the attribute is changeable by the user'** (col. 12, lines 58-66).

Regarding claim 25, **Blevins** teaches a computer program product, comprising:
a computer program processable by a computer system for causing the computer system to:

a). **'through a network, providing a plurality of templates to a user'** as the workstations 102, 104, 106 are shown connected by the LAN 108 to the controller/multiplexers 110 that provide an electrical interface between the workstations and a plurality of processes. The control template library 123 contains data representing sets of predefined or existing control template functions for use in process control program. These are the templates that generally come with the system from the

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system designer to the user (col. 5, lines 24-35; col. 7, lines 17-24 and Fig. 8). Note:

The cited Figures located in the back of the patent.

b). **'through the network, receiving a selection from the user of at least first and second templates of the plurality of templates'** as a list of predefined or existing templates that may be used as a starting point for designing the new control template: TEMPLATE TO START FROM . Once a user selects the type of control template to created or modified from within the scroll box 404, and selects the template to start from within the scroll box 406, a unique name for the new template can be entered within the field box 408 (col. 12, lines 2-15 and lines 18-20; col. 10, lines 41-55 and Fig. 8)

c). **'generating a database including information of the template selected, first and second templates'** as the name entered within the field box 408 will be the name of the new control template to be stored within the control template library 122 (col. 12, lines 23-25; col. 17, lines 16-19).

d). **'an apparatus from which the computer program is accessible by the computer system'** as the engineering workstation 106 includes a CPU 116 to allow interaction between a user and the CPU and the engineer's view of the function block library 122 contains a number of functions blocks that are used to defined and access a particular function (col. 5, lines 59-67; col. 6, lines 1-13; Fig. 4, element 106).

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Regarding claims 37, 44, and 51, **Blevins** further teaches **'wherein the first template includes the second template and other information'** (col. 16, lines 13-17 and lines 26-32).

Regarding claims 38, 45, and 52, **Blevins** further teaches **'wherein the other information is the third template'** (col. 16, lines 37-62).

Regarding claims 39, 46, and 53, **Blevins** further teaches wherein the selection from the user is a first selection and the computer system is for:

'in response to a second selection from the user, modifying the first template' (col. 12, lines 56-66 and col. 7, lines 50-58).

Regarding claims 40, 47, and 54, **Blevins** further teaches wherein the selection from the user is a first selection and the computer system is for:

'in response to a second selection from the user, modifying the second template' (col. 8, lines 35-42; col. 16, lines 56-66).

Regarding claims 41, 48, and 55, **Blevins** further teaches wherein the selection from the user is a first selection and the computer system is for:

'in response to a second selection from the user, modifying the first and second templates' (col. 8, lines 35-42 and lines 57-62).

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Regarding claims 42, 49, and 56, **Blevins** further teaches '**wherein the first template includes the second template and other information**' (col. 16, lines 13-37 and lines 26-32).

Regarding claims 43, 50, and 57, **Blevins** further teaches '**wherein the other information is a third template**' (col. 16, lines 37-62).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

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7. Claims 12, 24, and 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Blevins** U.S. Patent (5,594,858) as applied to claims 1-10, 13-22, 25-34, 37-57 above and in view of **Roger et al.** ("Roger") (US 2003/0084046 A1).

Regarding claims 12, 24, and 36, **Blevins** does not explicitly teach the steps of:

- a). **'receiving login information from the user';**
- b). **'authenticating the user using the login information prior to providing the template to the user'.**

Roger, however, teaches wherein the computer system is for:

- a). **'receiving login information from the user'** as upon start up of a machine and/or log in of a user, the UI layer can utilize the user and/or device identifiers to extract corresponding access authorization information from the screen data domain (paragraphs 21 and 41); and

- b). **'authenticating the user using the login information prior to providing the template to the user'** as on the basis of this authorization data, extract the appropriate screen data from the screen data domain to control the display of information (paragraphs 21 and 41).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teachings of the cited references because **Roger's** teaching would have allowed **Blevins's** to facilitate the desired functionality of the database application for controlling and managing operations by displaying the respective screen data associated with the client using the accessed screen data as suggested by **Roger** at ¶s 0041 and 0021.

Response to Argument

8. Applicants' arguments with respect to claims 1-10, 12-22, 24-34, 36-57, have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

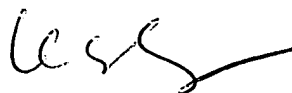
A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leslie Wong whose telephone number is (571) 272-4120. The examiner can normally be reached on Monday to Friday 9:30am - 6:30 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Leslie Wong
Patent Examiner
Art Unit 2167

LW
March 7, 2005